TE Internal #: 172487-3

PCB Mount Header, Vertical, Wire-to-Board, 3 Position, 2.5 mm [. 098 in] Centerline, Partially Shrouded, Tin, Through Hole - Solder,

Signal, Natural

View on TE.com >



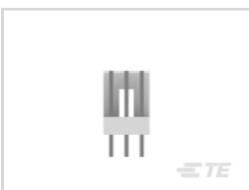
Connectors > PCB Connectors > PCB Headers & Receptacles











Connector System: Wire-to-Board

Number of Positions: 3
Number of Rows: 1

Centerline (Pitch): 2.5 mm [.098 in]
PCB Mount Orientation: Vertical

Features

Product Type Features

Connector System	Wire-to-Board
Header Type	Partially Shrouded
Sealable	No
Connector & Contact Terminates To	Printed Circuit Board
PCB Connector Assembly Type	PCB Mount Header
Configuration Features	
Number of Positions	3
Number of Rows	1
PCB Mount Orientation	Vertical
Electrical Characteristics	
Operating Voltage	250 VAC
Body Features	
Primary Product Color	Natural

Contact Features



Mating Saparar Post Dimension Af mon(D25 in) Contact Base Material Brass Contact Muting Area Plaining Material Tin Contact Type Pin Contact Current Rating (Max) 3.5 A Termination Features Source termination Posts & fall Dimension 64 mm[025 in] I committed Michael to Printed Circuit Board Through Hole Solder Mechanical Attachment With Mating Retention Type Polarized Lock Connector Mounting Type Board Mount Mating Alignment Without PCB Mount Alignment Without PCB Mount Retention Without Housing Features Housing Features I lausing Material 6/6 Nylon Centerline (Pitch) 2.5 mm[098 in] Dimensions Connector Length Connector Length 7.5 mm[295 in] Connector Length 7.5 mm[295 in] Connector Height 10.4 mm[297 in] Usage Conditions Signal Operation/Application Signal Circuit Application Signal		
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Contact Type Contact Current, Rating (Max) 3.5 A Termination Features Square Termination Post & Tail Dimension Termination Method to Printed Circuit Board Mechanical Attachment Mating Retention Mating Retention Type Polarized Lock Connector Mounting Type Board Mount Mating Alignment Without PCB Mount Alignment Without PCB Mount Retention Housing Features Housing Material Centedine (Pitch) Dimensions Connector Height Tonnector Height Tonnector Height Usage Conditions Operating Temperature Range 20 - 95 °C[4 - 203 °F] Operation/Application Circuit Application Signal Industry Standards Agency/Standard UL UI Hammability Rating Packaging Features Packaging Features Packaging Ouantity 1000		Brass
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Connector Length 7.5 mm[.295 in] Connector Height 10.4 mm[.409 in] Usage Conditions Operating Temperature Range -20 – 95 °C[-4 – 203 °F] Operation/Application Circuit Application Signal Industry Standards Agency/Standard UL UL Flammability Rating UL 94V-0 Packaging Features Packaging Quantity 1000	Centerline (Pitch)	2.5 mm[.098 in]
Connector Height 10.4 mm[.409 in] Usage Conditions Operating Temperature Range -20 – 95 °C[-4 – 203 °F] Operation/Application Circuit Application Signal Industry Standards Agency/Standard UL UL Flammability Rating UL 94V-0 Packaging Features Packaging Quantity 1000	Dimensions	
Usage Conditions Operating Temperature Range -20 – 95 °C[-4 – 203 °F] Operation/Application Circuit Application Industry Standards Agency/Standard UL UL Flammability Rating UL 94V-0 Packaging Features Packaging Quantity 1000	Connector Length	7.5 mm[.295 in]
Operating Temperature Range -20 – 95 °C[-4 – 203 °F] Operation/Application Circuit Application Signal Industry Standards Agency/Standard UL UL Flammability Rating UL 94V-0 Packaging Features Packaging Quantity 1000	Connector Height	10.4 mm[.409 in]
Operation/Application Circuit Application Signal Industry Standards Agency/Standard UL UL Flammability Rating UL 94V-0 Packaging Features Packaging Quantity 1000	Usage Conditions	
Circuit Application Industry Standards Agency/Standard UL UL Flammability Rating Packaging Features Packaging Quantity Signal UL 1000	Operating Temperature Range	-20 - 95 °C[-4 - 203 °F]
Industry Standards Agency/Standard UL UL Flammability Rating UL 94V-0 Packaging Features Packaging Quantity 1000	Operation/Application	
Agency/Standard UL UL Flammability Rating Packaging Features Packaging Quantity 1000	Circuit Application	Signal
UL Flammability Rating Packaging Features Packaging Quantity 1000	Industry Standards	
Packaging Features Packaging Quantity 1000	Agency/Standard	UL
Packaging Quantity 1000	UL Flammability Rating	UL 94V-0
	Packaging Features	
Packaging Type Bag	Packaging Quantity	1000
	Packaging Type	Bag



Product Compliance

For compliance documentation, visit the product page on TE.com>

EU RoHS Directive 2011/65/EU	Compliant
EU ELV Directive 2000/53/EC	Compliant
China RoHS 2 Directive MIIT Order No 32, 2016	No Restricted Materials Above Threshold
EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JUNE 2023 (235) Candidate List Declared Against: JUNE 2023 (235) Does not contain REACH SVHC
Halogen Content	Low Halogen - Br, Cl, F, I < 900 ppm per homogenous material. Also BFR/CFR/PVC Free
Solder Process Capability	Wave solder capable to 265°C

Product Compliance Disclaimer

This information is provided based on reasonable inquiry of our suppliers and represents our current actual knowledge based on the information they provided. This information is subject to change. The part numbers that TE has identified as EU RoHS compliant have a maximum concentration of 0.1% by weight in homogenous materials for lead, hexavalent chromium, mercury, PBB, PBDE, DBP, BBP, DEHP, DIBP, and 0.01% for cadmium, or qualify for an exemption to these limits as defined in the Annexes of Directive 2011/65/EU (RoHS2). Finished electrical and electronic equipment products will be CE marked as required by Directive 2011/65/EU. Components may not be CE marked. Additionally, the part numbers that TE has identified as EU ELV compliant have a maximum concentration of 0.1% by weight in homogenous materials for lead, hexavalent chromium, and mercury, and 0.01% for cadmium, or qualify for an exemption to these limits as defined in the Annexes of Directive 2000/53/EC (ELV). Regarding the REACH Regulation, the information TE provides on SVHC in articles for this part number is based on the latest European Chemicals Agency (ECHA) 'Guidance on requirements for substances in articles' posted at this URL: https://echa.europa.eu/guidance-documents/guidance-on-reach

Compatible Parts





Customers Also Bought

PCB Mount Header, Vertical, Wire-to-Board, 3 Position, 2.5 mm [.098 in] Centerline, Partially Shrouded, Tin, Through Hole - Solder, Signal, Natural





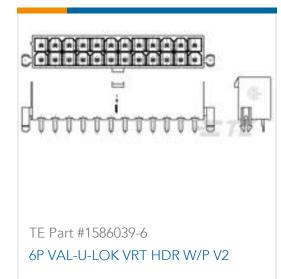
TE Part #5747840-3 HD-20 PLUG RA .318 FMS BD-LK 4



TE Part #175365-5 DYNAMIC 3500 HDR ASSY 20P



TE Part #1-440055-0 2.0MM,HDR,10POS,R/A





TE Part #5413476-2 JACK,DECOUPLER,PCB,VERT,BNC



TE Part #1825058-1 ADE02S04=DIP SWTCH,EXT,SMT-GW



TE Part #2040002-1 MICRO USB, TYPE B





TE Part #2301994-4 RJ45 JACK INT.MAG. 10/100 1X1



Documents

Product Drawings
EIS POST HDR V 3P

Japanese

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_172487-3_C.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_172487-3_C.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_172487-3_C.3d_stp.zip

English

By downloading the CAD file I accept and agree to the **Terms and Conditions** of use.

Datasheets & Catalog Pages

PCB Mount Header, Vertical, Wire-to-Board, 3 Position, 2.5 mm [.098 in] Centerline, Partially Shrouded, Tin, Through Hole - Solder, Signal, Natural



1-1773972-5_EIS_Connectors_Brochure

English

Product Specifications

Crimping of AMP El Series Connector Contacts

Japanese

Application Specification

Japanese

Agency Approvals

Agency Approval Document

English